

Michem® Emulsion 93935

BRAND FAMILY OVERVIEW Michem® Emulsion is a versatile family of products that adds value to a wide range of markets. These markets include paint & coatings, fiberglass, inks & OPVs, floor care, wood finishes, automotive care products, building products, carpets, die lubricants, textiles and urethane foam.

USAGE This phenol and formaldehyde-free additive imparts black heel resistance, toughness, buffability, and mar and scuff resistance for floor polish formulations. It also imparts durability, block, mar and scratch resistance in paint and varnish formulations.

DESCRIPTION High density polyethylene emulsion

PERFORMANCE ATTRIBUTES This product is used in many applications including the following:

| Market | Properties Imparted |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Building Paints | <i>block resistance, mar resistance</i> |
| Die Lubes & Mold Releases | <i>lubricity, mold release</i> |
| Exterior Wood Protection | <i>block resistance, durability, mar resistance, scratch resistance</i> |
| Furniture Polish | <i>block resistance, mar resistance</i> |
| Gloves | <i>block resistance, durability</i> |
| Industrial & Institutional | <i>abrasion resistance, black heel resistance, block resistance, buffability, durability, mar resistance, scratch resistance, slip resistance</i> |
| Inks | <i>block resistance, durability, mar resistance, scratch resistance</i> |
| Leather | <i>scuff resistance and feel</i> |
| OEM Applied Wood Protection | <i>abrasion resistance, block resistance, scratch resistance</i> |
| Overprint Varnishes | <i>block resistance, durability, mar resistance, rub resistance, scratch resistance</i> |

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PHYSICAL PROPERTIES

The following properties are typical but should not be considered specifications:

| | |
|--------------------------------|-----------------------------|
| Appearance: | Translucent liquid |
| Solids Type: | High Density Polyethylene |
| Freeze/Thaw Stability: | None: protect from freezing |
| Non-Volatile (%) : | 34.5 - 35.5 |
| Specific Gravity: | 0.99 - 1.01 |
| pH: | 9.0 - 10.5 |
| Recommended pH of your system: | > 7.0 |
| Brookfield Viscosity (cps) : | < 50 |
| Spindle Number: | 1 |
| RPM: | 60 |

**SITE OF MANUFACTURE
(and PRODUCT CODE)**

USA (ME93935), Belgium (ME93935.E), Singapore (ME93935.S)

STORAGE

Keep container tightly closed. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

HANDLING

Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

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